

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

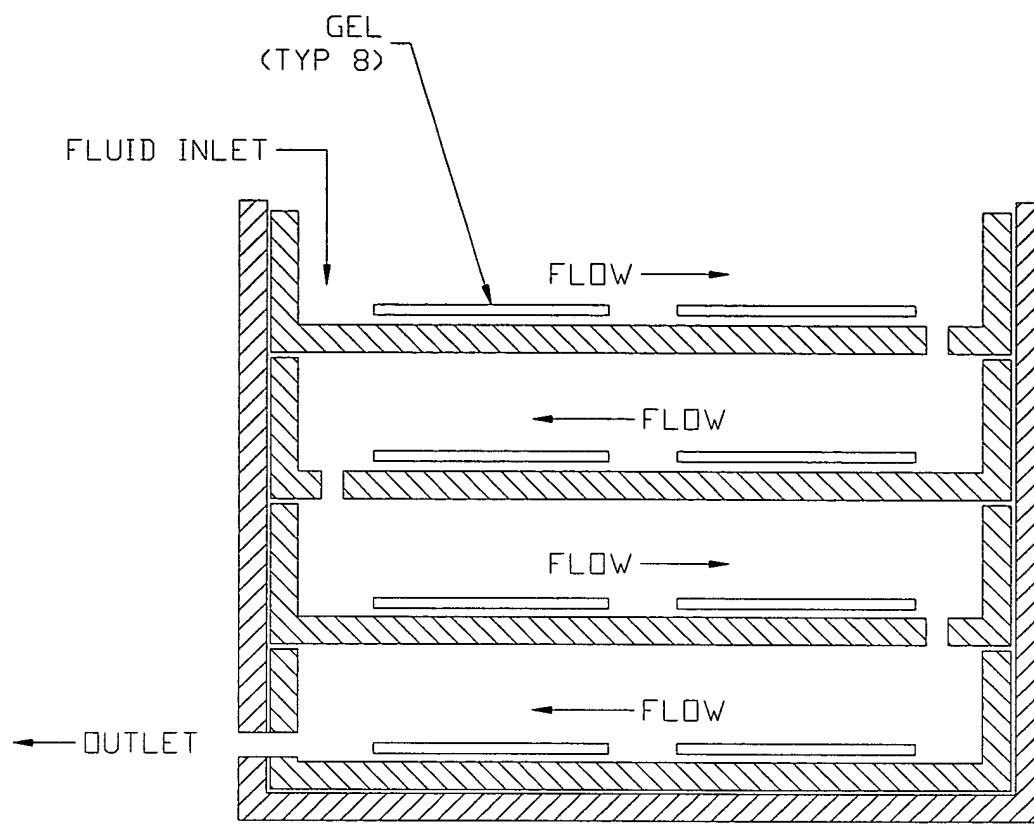
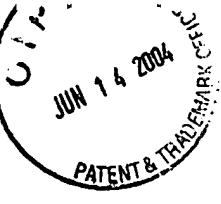
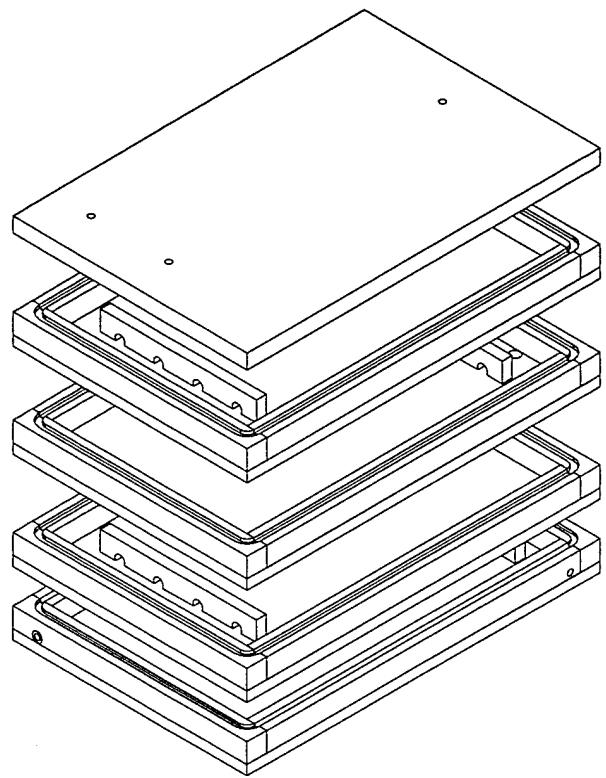


FIGURE 1



**FIGURE 2**

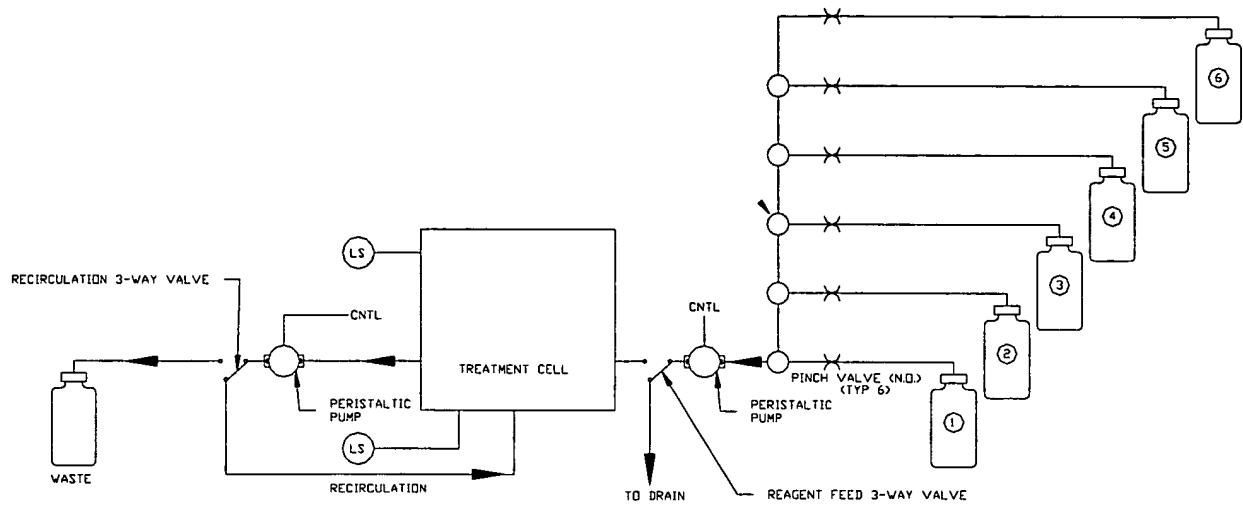
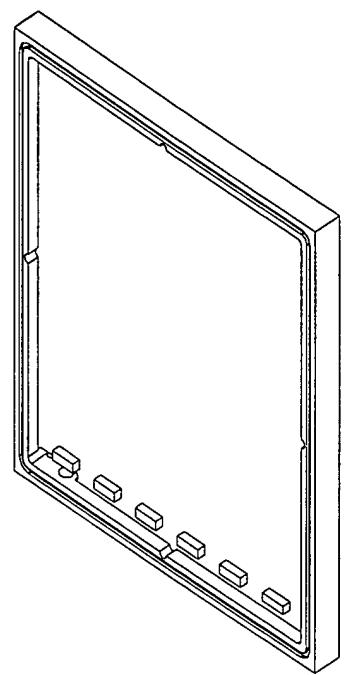
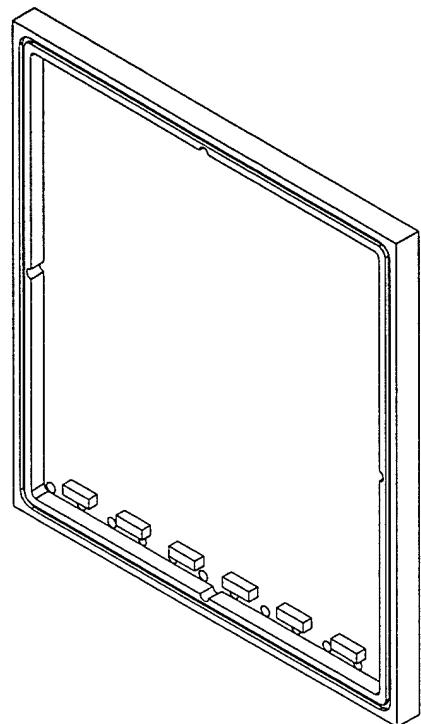


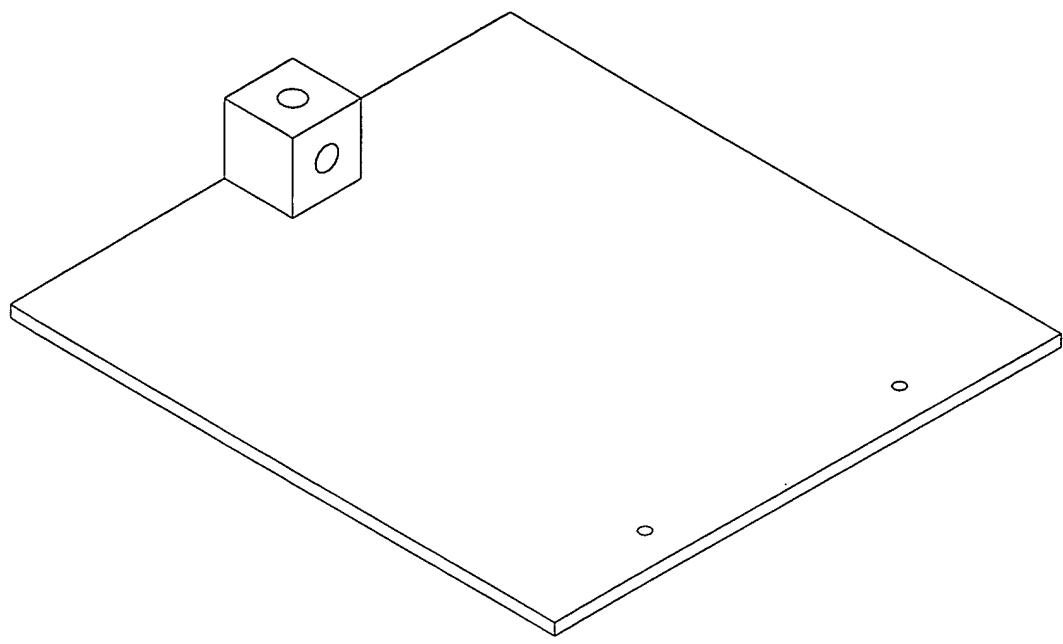
FIGURE 3



**FIGURE 4**



**FIGURE 5**



**FIGURE 6**

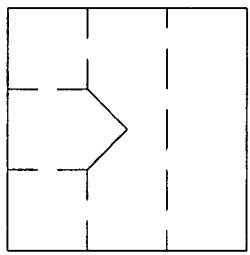
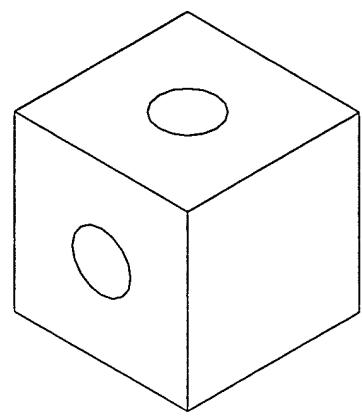
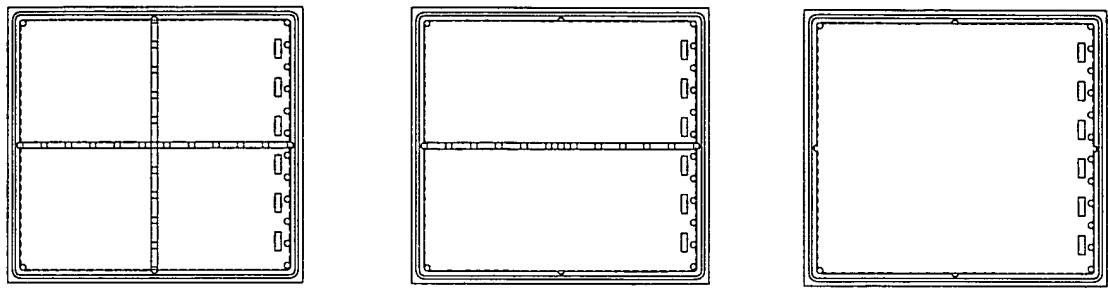


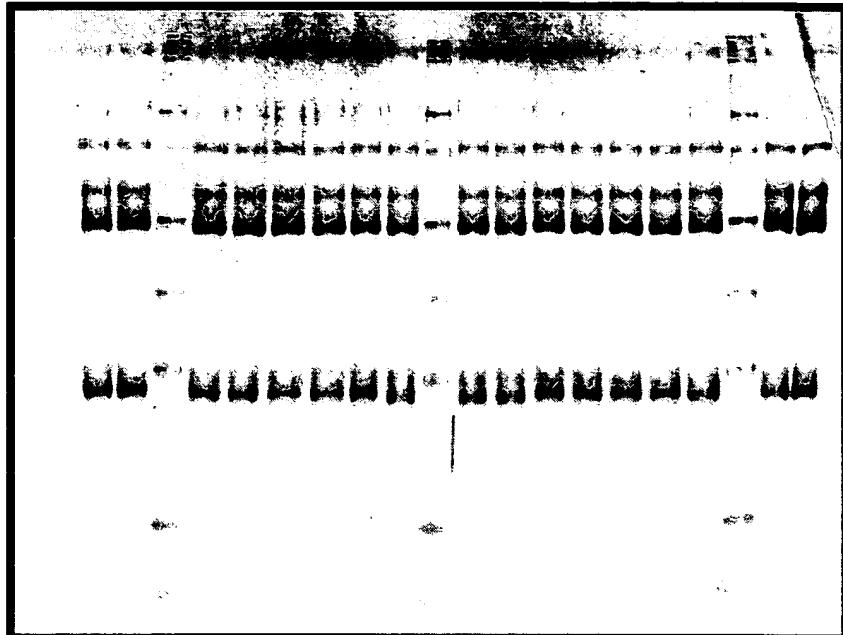
FIGURE 7



**FIGURE 8**

Automated Stainer

A



B

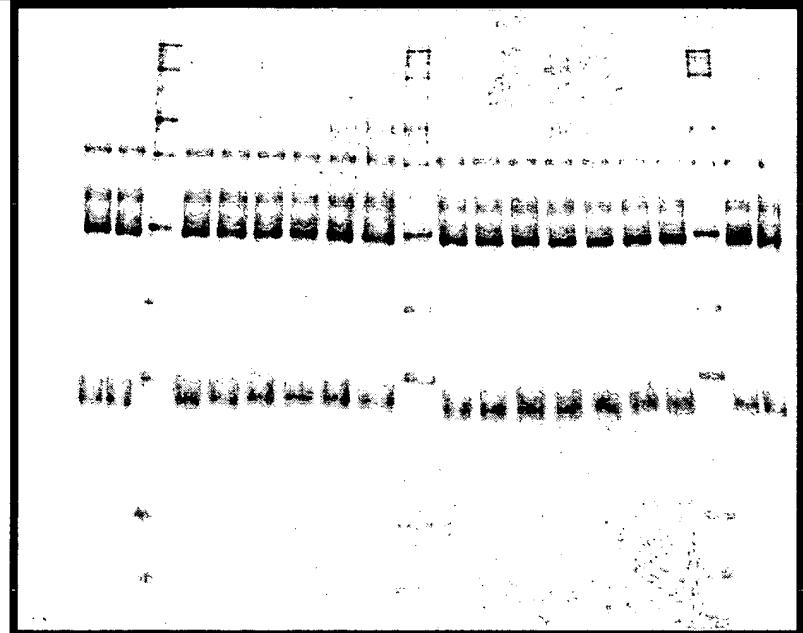


Fig.1 Sigma IgG analyzed by SDS-PAGE 10-18% on glass backed plates, visualized by silver staining using A) the automated stainer or B) manual silver staining. This highlights the even staining across the staining treatment cell and the ability to control staining accurately – even the troublesome silver staining.

FIGURE 9

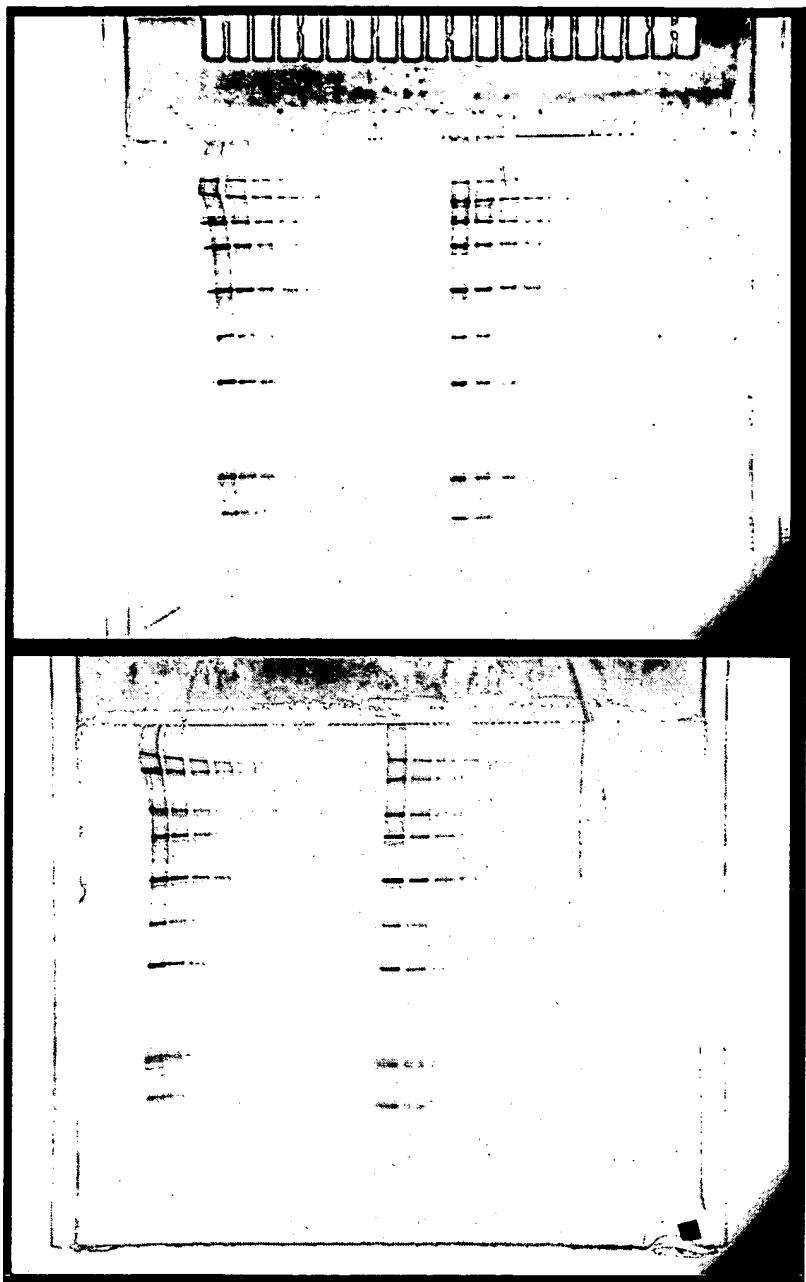


Fig. 2 Standard molecular weight markers (200kDa-8kDA) analysed by 10-18% SDS-PAGE on glass backed gels visualized by silver staining using the automated staining machine. Dilution is 1:1 across each gel. A) Glass plate facing forward direction and B) plate facing backward direction of same staining procedure. This highlights the evenness of treatment throughout the treatment cell.

FIGURE 10

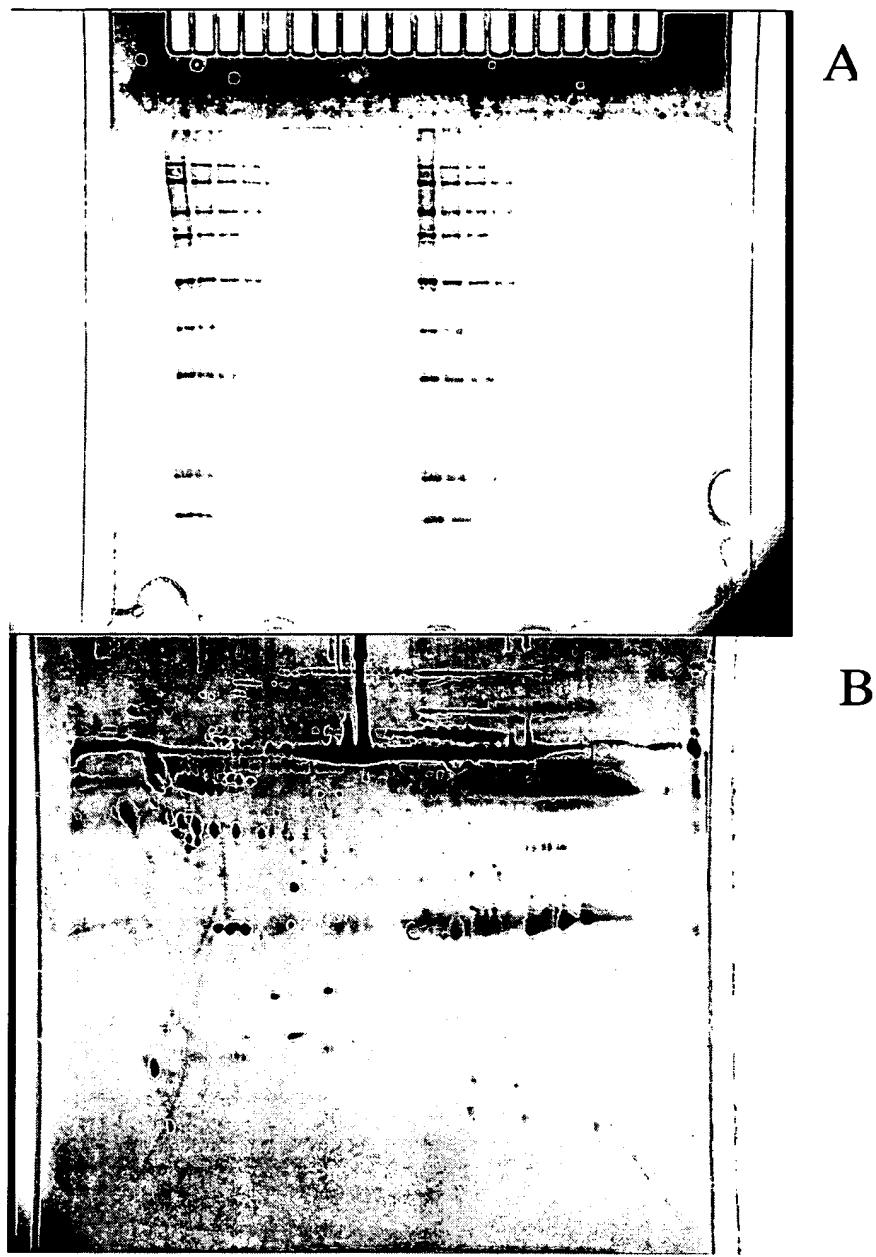


Fig 3. A) Standard molecular weight markers (200kDa-8kDA) analyzed by 10-18% SDS-PAGE on glass backed gels visualized by manual silver staining. Dilution is 1:1 across the gel. B) Sigma human serum analyzed by 10-18% SDS-PAGE on glass backed gels visualized by silver staining using the automated staining machine.

FIGURE 11